EPA Testing of PBT Profiler

[Profiler is password protected and is NOT available outside EPA until it is publicly released]

URL: http://esc.syrres.com/pbt/

DO NOT give URL to anyone unauthorized persons!

Accessing the PBT Profiler:

1. [**Step 1**] Go the URL (http://esc.syrres.com/pbt) enter user name "pbt" and password "epa401m" [not case sensitive].

2. Click on Start button [**Step 2**]. Then go to the Purpose page, and the Before Running the PBT Profiler page. Click on Start the PBT Profiler.

After clicking the Start button, you will go to the "Purpose of the PBT Profiler page", and then "Before running the PBT Profiler" which will give important information on the Profiler.

3. At "Start a New Profile Page", enter CAS RN, SMILES, or Draw your chemical. [**Step 3**] Enter the CAS #, hit the Lookup button to see if the CAS # is in the SMILECAS database of >100,000 chemicals. If it is in SMILECAS the structure is retrieved and you will see the SMILES string and structure for chemical #1. You can either hit the "Start the PBT Profiler" button to run that chemical or enter another CAS # to run another chemical. You can run many chemicals in one session and results will be displayed in the order in which they were entered.

4. We especially want users to try to find bugs and things that don't work properly.

5. Email comments or questions to wilson.maggie@epa.gov

Finding a CAS RN:

If you do not know the CAS Number you can go to www.chemfinder.com and search for the CAS RN by name. There are other online web sites that will give you the CAS RN, but this one, run by Cambridge Software, does not charge for use, but you do have to "register" as a user.

Determining the SMILES may not always be easy, so OPPT would be glad to help write SMILES from the structure (wilson.maggie@epa.gov OR nabholz.joe@epa.gov). There are instructions for writing SMILES on the EPA web page at http://www.epa.gov/opptintr/p2framework/docs/epiwin.htm#Sub1.

Printing the Results pages works best if you can print to a color printer. If you use a Black & White printer you can select the PBT Profiler Black & White Version. Click on this option and you will get Results as follows: Green = lower case ("p"), Orange = Italics ("*B*"), Red = bold & underlined ("**T**"). This option to print to B&W is explained in the "Interpreting the Results" Using the PBT Profiler link on the home page (upper left of the screen).

Saving the Results:
Currently the only option to save Results is as an ASP file (Active Server Document) which saves in a format that can be opened by MSWord or MSFrontPage.

One option to save the 1-page Results is to **Save as a screen capture through the Windows Clipboard**, by following these steps below. I've done this many times to create presentations, but it does take a little practice to learn it.

1. With Results displayed, hold down the Alt key and at the same time hit the Print Screen key (this saves the active image to the Windows Clipboard).
2. Minimize the Profiler screen.
3. Open the Windows Paint option (I do this often enough that I have the Paint icon on my desktop):
    - Start
    - Programs
    - Accessories
    - Paint
4. Once in Paint, select Edit, Paste to paste in the contents of the Windows Clipboard. You can move the image around to center it the way you want to, and select the "Dashed Rectangle" option to cut out what you want to copy. Select all of the image you want and under Edit, hit Copy which copies the image within the rectangle into the Clipboard. Minimize Paint.
5. Open the software where you will paste in the image (WP, Word, or PowerPoint) and hit paste to paste in the image. You can resize the image in the software.